

PATIENT PRESENTING CLINICAL SIGNS

Pap Verdes BAR HR 120 RR 24. Grade 2 heart murmur; clear lungs. Moist pink mm. CRT < 2 sec Bilateral cataract: 1.5-2.0 mm wide white spot (happened after surgery) in the middle of left globe Normal ears and LN's Normal abdominal palpation Appears to have mobility issues; normal palpation of hind legs and hips

SPECIES

Canine Current Medications DENAMARIN 90 MG, OPTIXCARE EYE LUBE PLUS, OPTIMMUNE OPHTH OINTMENT, THYRO 0.1 MG TABS, PRONEFRA CATS&DOGS ORAL 180 ML

BREED

Chihuahua Abnormal PE/Chem/CBC/UA Results: CBC: elevated platelets 623 CHEMISTRY: Urea (BUN) 12.6, ALT 233, ALP 324, GGT 16, TBIL 16, LIPASE 5697

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Urinary System

MN

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

AGE

16yr

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Small left kidney cortical cyst. The left kidney measured 4.5 cm in length. The right kidney measured 4.3 cm in length.

WEIGHT

5.4kg

The area of the aortic trifurcation was free of pathology.

The area of the residual prostate appeared normal and free of pathology.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.70 cm width at the caudal pole and 1.9 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.47 cm width at the caudal pole and 2.6 cm length.

IMAGING PERFORMED BY

Kelly Reschny

Spleen

HOSPITAL NAME

Governors Road AH

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age related remodeling with minor potential for inflammatory or neoplastic disease.

REFERRING VET

Dr. Dogar

Liver/Gallbladder

INVOICE

13535ag

The liver presented mildly to moderately enlarged in size. Non-uniform increased parenchyma echogenicity exhibiting moderate coarse echotexture was present with evidence of remodeling. Intermittent thinly walled hepatic cyst was present. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily

DATE

04/21/2023



PATIENT

Pap Verdes

anechoic luminal content and moderate non-organized hyperechoic debris. The cystic and common bile ducts were normal.

Gastrointestinal

SPECIES

Canine

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

BREED

Chihuahua

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

Pancreas

SEX

MN

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum, likely consistent with age related changes and considered incidental. No signs of active inflammation or neoplasia.

AGE

16yr

Free Abdomen

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

5.4kg

- Chronic hepatopathy with small intraparenchymal cyst-subjectively benign.
- Bilateral chronic renal changes with left kidney cortical cyst.
- Gallbladder debris (non-mucocele).
- Minor pancreatic remodeling.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Vacuolar hepatopathy, chronic inflammatory/immune mediated disease, hematopoiesis, hyperplasia, fibrosis or other hepatopathy possible. Neoplastic criteria considered less likely. Assuming normal clotting status a hepatic FNA for screening cytology could be considered for further assessment. The addition of Ursodiol to current Denamarin may prove beneficial.

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

Governors Road AH

REFERRING VET

Dr. Dogar

INVOICE

13535ag

DATE

04/21/2023



PATIENT

Pap Verdes

SPECIES

Canine

BREED

Chihuahua

SEX

MN

AGE

16yr

WEIGHT

5.4kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

Governors Road AH

REFERRING VET

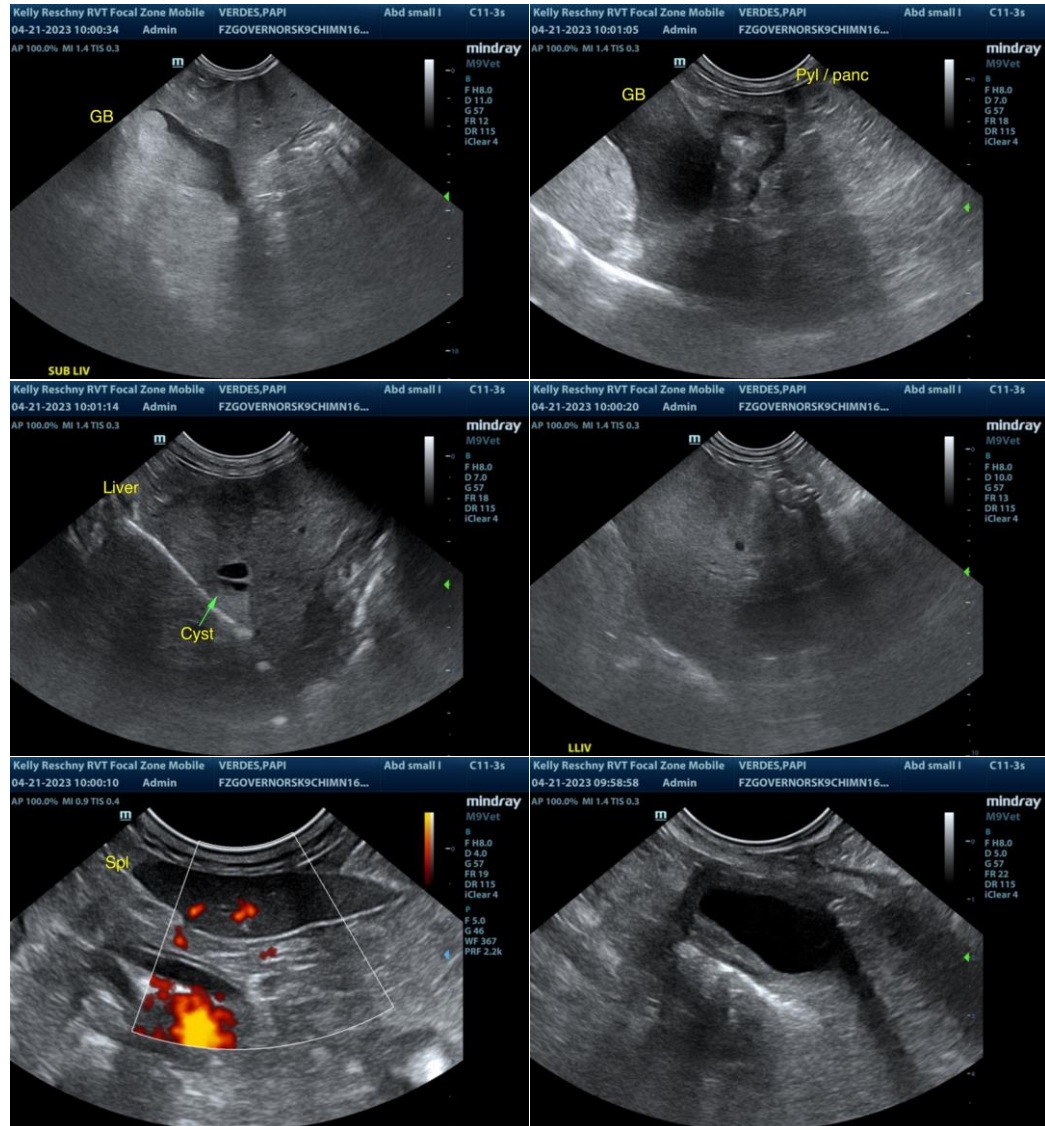
Dr. Dogar

INVOICE

13535ag

DATE

04/21/2023





PATIENT

Pap Verdes

SPECIES

Canine

BREED

Chihuahua

SEX

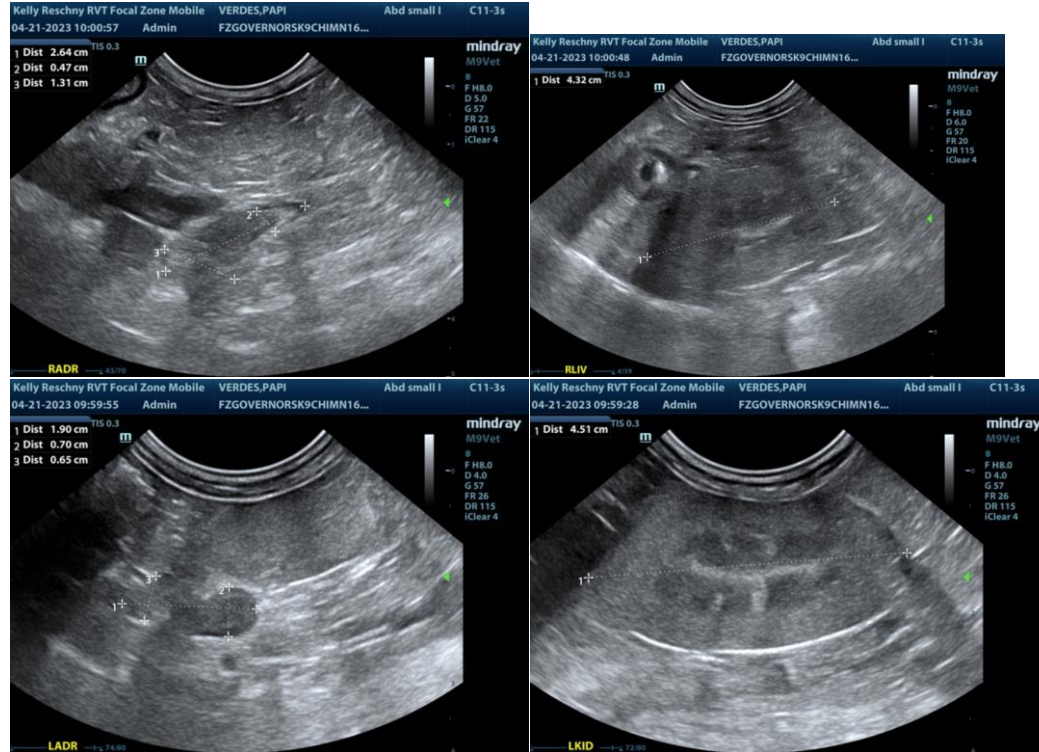
MN

AGE

16yr

WEIGHT

5.4kg



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

info@SonoPath.com

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

Governors Road AH

REFERRING VET

Dr. Dogar

INVOICE

13535ag

DATE

04/21/2023